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Key word index

Adenosine
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Muscarinic acetylcholine receptor; Muscarinic receptor agonists; Muscarinic receptor antagonists; G protein; GTP[S] binding; (Unliganded receptor) (Hilf, G. (225) 245)

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Phosphodiesterase III; Phosphodiesterase IV; Cardiotonic; Rolipram; (Guinea pig) (Muller, B. (225) 263)

Cardiotonic
Phosphodiesterase III; Phosphodiesterase IV; Cardiac ventricles; Rolipram; (Guinea pig) (Muller, B. (225) 263)

$^{45}Ca^{2+}$ uptake
Ba^{2+}; Nifedipine; Vas deferens; $^{45}Ca^{2+}$ efflux; Verapamil; Methoxamine (Hay, D.W.P. (225) 313)

Cerebral cortex
Aging; Muscarinic receptors; Peptides; Phosphoinositides; (Rat) (Pedigo, Jr., N.W. (225) 151)

Cerebral cortex (rat)
Polyamines; [^{3}H]Nitrendipine binding; [^{3}H]Diltiazem binding; Cooperative effects (Schoemaker, H. (225) 167)

c-fos
Ethanol; Glutamate; NMDA (N-methyl-D-aspartate); Hybridization (in situ) (Morgan, P.F. (225) 217)

C_6 glioma cells
β-Adrenoceptors; cAMP; mRNA; Isoproterenol; Down-regulation (Bieck, P.R. (225) 171)

Characterization
Dopamine D_1 receptors; Mesangial (rat) (Bryson, S.E. (225) 1)

Chemical cross-linking
Endothelin receptors; ^{125}I-Endothelin-1; Spinal cord (human, pig); Autoradiography (quantitative receptor) (Niwa, M. (225) 281)

Cholecystokinin
cAMP; Enteric nervous system; Myenteric neurons; Intestine; Synaptic transmission; Substance P; Calcitonin gene-related peptide (CGRP); Vasoactive intestinal peptide (VIP); Gastrin releasing peptide; Phosphodiesterase inhibitors (Baidan, L.V. (225) 21)

Cloned subtypes
Neurosteroid; $GABA_A$ receptor; *Xenopus* oocyte expression (Zaman, S.H. (225) 321)

c-myc
Prolactin; Smooth muscle (vascular); Gene expression; Hypertension; Ornithine decarboxylase (Sauro, M.D. (225) 351)

C-type natriuretic peptide (CNP)
Atrial natriuretic peptide (ANP); Brain natriuretic peptide (BNP); Glioma cells (rat); Receptor binding; cGMP (Eguchi, S. (225) 79)

Co^{2+}
Intracellular Ca^{2+}; Fura-2; Ca^{2+} channels; Ca^{2+} ionophore; La^{3+} (Horváth, G. (225) 305)

Colonic epithelial cell
Muscarinic receptor subtype; T84 cell; Phosphoinositides; Arachidonic acid (Dickinson, K.E.J. (225) 291)

ω-Conotoxin
Ca^{2+} channels; Ca^{2+} influx; Dihydropyridines; Transmitter release (Lundy, P.M. (225) 51)

Contractile responses
Diabetes mellitus; Mesenteric arteries; Noradrenaline; Inositol phosphates; Inositol 1,4,5-trisphosphate (Abebe, W. (225) 29)

Cooperative effects
Polyamines; [^{3}H]Nitrendipine binding; [^{3}H]Diltiazem binding; Cerebral cortex (rat) (Schoemaker, H. (225) 167)

Cortex (human)
[^{3}H]CPP ([^{3}H]3-(2-carboxypiperazin-4-yl)propyl-1-phosphonic acid); NMDA receptors; Brain (rat); Alzheimer's disease (Porter, R.H.P. (225) 195)

Cortical neurons
NMDA (N-methyl-D-aspartate); Arachidonic acid; Somatostatin; Phospholipase A_2 (Tapia-Arancibia, L. (225) 253)

[^{3}H]CPP ([^{3}H]3-(2-carboxypiperazin-4-yl)propyl-1-phosphonic acid)
NMDA receptors; Brain (rat); Cortex (human); Alzheimer's disease (Porter, R.H.P. (225) 195)

Cytoplasmic proteins
Neurotransmitter release; Neurosecretory cells; Cytoskeleton; Ca^{2+}; Calmodulin; G-proteins; Protein kinase C (Trifaró, J.-M. (225) 83)

Cytoskeleton
Neurotransmitter release; Neurosecretory cells; Cytoplasmic proteins; Ca^{2+}; Calmodulin; G-proteins; Protein kinase C (Trifaró, J.-M. (225) 83)

Desensitization
Histamine H_1 receptor; cGMP; Lung (guinea-pig); Protein kinase C (Leurs, R. (225) 137)

Development
Dopamine D_2 receptor; mRNA; Brain (Srivastava, L.K. (225) 143)

Diabetes mellitus
Mesenteric arteries; Noradrenaline; Contractile responses; Inositol phosphates; Inositol 1,4,5-trisphosphate (Abebe, W. (225) 29)

Diacylglycerol
Angiotensin II; Angiotensin AT_1 receptor; Phospholipase D; Phosphatidylcholine; Mesangial cells (Pfeilschifter, J. (225) 57)

Diacylglycerol formation
Parotid acinar cells; Carbachol; Phosphoinositide hydrolysis; Phosphatidylcholine hydrolysis (Komabayashi, T. (225) 209)

1,9-Dideoxyforskolin
Forskolin; Adenosine; Phosphodiesterase inhibitors; Inward calcium current-dependent phasic tension; Atrial fibres (frog) (Gauthier, C. (225) 129)

Dihydropyridines
Ca^{2+} channels; ω-Conotoxin; Ca^{2+} influx; Transmitter release (Lundy, P.M. (225) 51)

[^{3}H]Diltiazem binding
Polyamines; [^{3}H]Nitrendipine binding; Cerebral cortex (rat); Cooperative effects (Schoemaker, H. (225) 167)

DNA synthesis
Phosphoinositide turnover; α-Thrombin; Neuroblastoma (Ogino, Y. (225) 299)

Dopamine autoreceptor
Dopamine D_3 receptor (human); Transfected cell; Eukaryotic expression vector; Neuroleptics; Guanylnucleotide; G protein (Sokoloff, P. (225) 331)

[^{3}H]Dopamine binding
Serotonin-binding proteins; Frontal cortex (bovine); [^{3}H]Serotonin binding (Jimenez Del Rio, M. (225) 225)

Dopamine D_2 receptor
mRNA; Brain; Development (Srivastava, L.K. (225) 143)

Dopamine D_3 receptor (human)
Transfected cell; Eukaryotic expression vector; Neuroleptics; Guanylnucleotide; G protein; Dopamine autoreceptor (Sokoloff, P. (225) 331)

Dopamine D_1 receptors
Mesangial (rat); Characterization (Bryson, S.E. (225) 1)

Down-regulation
β-Adrenoceptors; cAMP; mRNA; Isoproterenol; C_6 glioma cells (Bieck, P.R. (225) 171)

Drug interactions
Tetrahydroaminoacridine (THA); Tacrine; 4-Aminopyridine (4-AP); Fura-2 (fluorimetry) (Järlebark, L. (225) 75)

Duodenum
Ro 5-4864; PK 11195; Vas deferens; (Rat) (Escubedo, E. (225) 15)

Endothelial cells
Bradykinin; Ca^{2+} channels; G protein; Endothelium-derived relaxing factor (EDRF); cGMP (Graier, W.F. (225) 43)

Endothelin
Mitogenesis; Endothelin ET_A receptor; Endothelin ET_B receptor; BQ123 (Ohlstein, E.H. (225) 347)

^{125}I-Endothelin-1
Endothelin receptors; Spinal cord (human, pig); Autoradiography (quantitative receptor); Chemical cross-linking (Niwa, M. (225) 281)

Endothelin ET_A receptor
Endothelin; Mitogenesis; Endothelin ET_B receptor; BQ123 (Ohlstein, E.H. (225) 347)

Endothelin ET_B receptor
Endothelin; Mitogenesis; Endothelin ET_A receptor; BQ123 (Ohlstein, E.H. (225) 347)

Endothelin receptors
^{125}I-Endothelin-1; Spinal cord (human, pig); Autoradiography (quantitative receptor); Chemical cross-linking (Niwa, M. (225) 281)

Phospholipase C; Guanine nucleotide binding proteins (Gusovsky, F. (225) 339)

Endothelium
Atrial natriuretic peptide (ANP); cGMP; (Receptor down-regulation) (Kato, J. (225) 113)

Endothelium-derived relaxing factor (EDRF)
Bradykinin; Endothelial cells; Ca^{2+} channels; G protein; cGMP (Graier, W.F. (225) 43)

Enteric nervous system
cAMP; Myenteric neurons; Intestine; Synaptic transmission; Substance P; Calcitonin gene-related peptide (CGRP); Vasoactive intestinal peptide (VIP); Cholecystokinin; Gastrin releasing peptide; Phosphodiesterase inhibitors (Baidan, L.V. (225) 21)

Epithelium
Kinins (characterization); Agonists; Bradykinin receptor antagonists; B_2 receptor antagonist (radiolabeled) (Tousignant, C. (225) 235)

Ethanol
c-fos; Glutamate; NMDA (N-methyl-D-aspartate); Hybridization (in situ) (Morgan, P.F. (225) 217)

Eukaryotic expression vector
Dopamine D_3 receptor (human); Transfected cell; Neuroleptics; Guanylnucleotide; G protein; Dopamine autoreceptor (Sokoloff, P. (225) 331)

Forskolin
1,9-Dideoxyforskolin; Adenosine; Phosphodiesterase inhibitors; Inward calcium current-dependent phasic tension; Atrial fibres (frog) (Gauthier, C. (225) 129)

Frontal cortex (bovine)
Serotonin-binding proteins; [^{3}H]Serotonin binding; [^{3}H]Dopamine binding (Jimenez Del Rio, M. (225) 225)

Fura-2
Intracellular Ca^{2+}; Ca^{2+} channels; Ca^{2+} ionophore; Co^{2+}; La^{3+} (Horváth, G. (225) 305)

Fura-2 (fluorimetry)
Tetrahydroaminoacridine (THA); Tacrine; 4-Aminopyridine (4-AP); Drug interactions (Järlebark, L. (225) 75)

GABA
Benzodiazepine receptors; Ro 15-4513; Ro 19-4603; Annelated 1,4-diazepines (Wong, G. (225) 63)

$GABA_A$ receptor
Neurosteroid; Cloned subtypes; *Xenopus* oocyte expression (Zaman, S.H. (225) 321)

Gastrin releasing peptide
cAMP; Enteric nervous system; Myenteric neurons; Intestine; Synaptic transmission; Substance P; Calcitonin gene-related peptide (CGRP); Vasoactive intestinal peptide (VIP); Cholecystokinin; Phosphodiesterase inhibitors (Baidan, L.V. (225) 21)

Gene expression
Prolactin; Smooth muscle (vascular); Hypertension; c-myc; Ornithine decarboxylase (Sauro, M.D. (225) 351)

Glioma cells (rat)
C-type natriuretic peptide (CNP); Atrial natriuretic peptide (ANP); Brain natriuretic peptide (BNP); Receptor binding; cGMP (Eguchi, S. (225) 79)

Glutamate
Ethanol; c-fos; NMDA (N-methyl-D-aspartate); Hybridization (in situ) (Morgan, P.F. (225) 217)

cGMP
Bradykinin; Endothelial cells; Ca^{2+} channels; G protein; Endothelium-derived relaxing factor (EDRF) (Graier, W.F. (225) 43)

C-type natriuretic peptide (CNP); Atrial natriuretic peptide (ANP); Brain natriuretic peptide (BNP); Glioma cells (rat); Receptor binding (Eguchi, S. (225) 79)

Atrial natriuretic peptide (ANP); Endothelium; (Receptor down-regulation) (Kato, J. (225) 113)

Histamine H_1 receptor; Desensitization; Lung (guinea-pig); Protein kinase C (Leurs, R. (225) 137)

Lipopolysaccharides; Interferon-γ; N^G-Methyl-L-arginine; N^G-Nitro-L-arginine (Förstermann, U. (225) 161)

Angiotensin II receptor; Neuro-2A cells (Chaki, S. (225) 355)

cGMP (antagonist)
HS-142-1; Atrial natriuretic peptide (ANP); Guanylyl cyclase; ANP receptor (Morishita, Y. (225) 203)

G protein
Bradykinin; Endothelial cells; Ca^{2+} channels; Endothelium-derived relaxing factor (EDRF); cGMP (Graier, W.F. (225) 43)

Muscarinic acetylcholine receptor; Muscarinic receptor agonists; Muscarinic receptor antagonists; GTP[S] binding; Cardiac membranes; (Unliganded receptor) (Hilf, G. (225) 245)

Dopamine D_3 receptor (human); Transfected cell; Eukaryotic expression vector; Neuroleptics; Guanylnucleotide; Dopamine autoreceptor (Sokoloff, P. (225) 331)

G-proteins
Neurotransmitter release; Neurosecretory cells; Cytoskeleton; Cytoplasmic proteins; Ca^{2+}; Calmodulin; Protein kinase C (Trifaró, J.-M. (225) 83)

Na^+-K^+-ATPase (renal); Streptozotocin diabetes; Protein kinase C (Chen, C.-C. (225) 275)

GTP[S] binding
Muscarinic acetylcholine receptor; Muscarinic receptor agonists; Muscarinic receptor antagonists; G protein; Cardiac membranes; (Unliganded receptor) (Hilf, G. (225) 245)

Guanine nucleotide binding proteins
Endothelin receptors; Phospholipase C (Gusovsky, F. (225) 339)

Guanylnucleotide
Dopamine D_3 receptor (human); Transfected cell; Eukaryotic expression vector; Neuroleptics; G protein; Dopamine autoreceptor (Sokoloff, P. (225) 331)

Guanylyl cyclase
HS-142-1; Atrial natriuretic peptide (ANP); ANP receptor; cGMP (antagonist) (Morishita, Y. (225) 203)

Heart (guinea pig)
Muscarinic receptors; Inositol phosphates; Receptor coupling (Ford, A.P.D.W. (225) 105)

Hippocampus (immature rat)
5-HT receptors; Phosphoinositide turnover (Claustre, Y. (225) 37)

Histamine H_1 receptor
Desensitization; cGMP; Lung (guinea-pig); Protein kinase C (Leurs, R. (225) 137)

HS-142-1
Atrial natriuretic peptide (ANP); Guanylyl cyclase; ANP receptor; cGMP (antagonist) (Morishita, Y. (225) 203)

5-HT (5-hydroxytryptamine, serotonin)
cAMP accumulation; β-Adrenoceptors (Morin, D. (225) 273)

5-HT receptors
Phosphoinositide turnover; Hippocampus (immature rat) (Claustre, Y. (225) 37)

Hybridization (in situ)
Ethanol; c-fos; Glutamate; NMDA (N-methyl-D-aspartate) (Morgan, P.F. (225) 217)

Hypertension
Prolactin; Smooth muscle (vascular); Gene expression; c-myc; Ornithine decarboxylase (Sauro, M.D. (225) 351)

Inositol phosphates
Diabetes mellitus; Mesenteric arteries; Noradrenaline; Contractile responses; Inositol 1,4,5-trisphosphate (Abebe, W. (225) 29)

Muscarinic receptors; Heart (guinea pig); Receptor coupling (Ford, A.P.D.W. (225) 105)

Ca^{2+}; Inositol 1,4,5-trisphosphate receptors; WRK_1 cells (Mouillac, B. (225) 179)

Inositol 1,4,5-trisphosphate
Diabetes mellitus; Mesenteric arteries; Noradrenaline; Contractile responses; Inositol phosphates (Abebe, W. (225) 29)

Inositol 1,4,5-trisphosphate receptors
Ca^{2+}; WRK_1 cells; Inositol phosphates (Mouillac, B. (225) 179)

Interferon-γ
Lipopolysaccharides; N^G-Methyl-L-arginine; N^G-Nitro-L-arginine; cGMP (Förstermann, U. (225) 161)

Intestine
cAMP; Enteric nervous system; Myenteric neurons; Synaptic transmission; Substance P; Calcitonin gene-related peptide (CGRP); Vasoactive intestinal peptide (VIP); Cholecystokinin; Gastrin releasing peptide; Phosphodiesterase inhibitors (Baidan, L.V. (225) 21)

Intracellular Ca^{2+}
Fura-2; Ca^{2+} channels; Ca^{2+} ionophore; Co^{2+}; La^{3+} (Horváth, G. (225) 305)

Inward calcium current-dependent phasic tension
Forskolin; 1,9-Dideoxyforskolin; Adenosine; Phosphodiesterase inhibitors; Atrial fibres (frog) (Gauthier, C. (225) 129)

Isoproterenol
β-Adrenoceptors; cAMP; mRNA; C_6 glioma cells; Down-regulation (Bieck, P.R. (225) 171)

Kinins (characterization)
Epithelium; Agonists; Bradykinin receptor antagonists; B_2 receptor antagonist (radiolabeled) (Tousignant, C. (225) 235)

La^{3+}
Intracellular Ca^{2+}; Fura-2; Ca^{2+} channels; Ca^{2+} ionophore; Co^{2+} (Horváth, G. (225) 305)

Lipopolysaccharides
Interferon-γ; N^G-Methyl-L-arginine; N^G-Nitro-L-arginine; cGMP (Förstermann, U. (225) 161)

Liver (rat)
(+)-[^{3}H]SKF 10,047; σ Receptors; Subcellular distribution (Samovilova, N.N. (225) 69)

Lung (guinea-pig)
Histamine H_1 receptor; Desensitization; cGMP; Protein kinase C (Leurs, R. (225) 137)

Membrane microviscosity
Adenosine receptors; Affinity states; Brain cortex (pig) (Casadó, V. (225) 7)

MEN 10207
MEN 10208; NK_2 receptor subtype; Neurokinin A (NKA) (Henderson, A.K. (225) 175)

MEN 10208
MEN 10207; NK_2 receptor subtype; Neurokinin A (NKA) (Henderson, A.K. (225) 175)

Mesangial cells
Angiotensin II; Angiotensin AT_1 receptor; Phospholipase D; Phosphatidylcholine; Diacylglycerol (Pfeilschifter, J. (225) 57)

Mesangial (rat)
Dopamine D_1 receptors; Characterization (Bryson, S.E. (225) 1)

Mesenteric arteries
Diabetes mellitus; Noradrenaline; Contractile responses; Inositol phosphates; Inositol 1,4,5-trisphosphate (Abebe, W. (225) 29)

Metabotropic receptor
cAMP formation; Striatal neurons (Manzoni, O. (225) 357)

Methoxamine
Ba^{2+}; Nifedipine; $^{45}Ca^{2+}$ uptake; Vas deferens; $^{45}Ca^{2+}$ efflux; Verapamil (Hay, D.W.P. (225) 313)

N^G-Methyl-L-arginine
Lipopolysaccharides; Interferon-γ; N^G-Nitro-L-arginine; cGMP (Förstermann, U. (225) 161)

Mitogenesis
Endothelin; Endothelin ET_A receptor; Endothelin ET_B receptor; BQ123 (Ohlstein, E.H. (225) 347)

Muscarinic acetylcholine receptor
Muscarinic receptor agonists; Muscarinic receptor antagonists; G protein; GTP[S] binding; Cardiac membranes; (Unliganded receptor) (Hilf, G. (225) 245)

Muscarinic receptor agonists
Muscarinic acetylcholine receptor; Muscarinic receptor antagonists; G protein; GTP[S] binding; Cardiac membranes; (Unliganded receptor) (Hilf, G. (225) 245)

Muscarinic receptor antagonists
Muscarinic acetylcholine receptor; Muscarinic receptor agonists; G protein; GTP[S] binding; Cardiac membranes; (Unliganded receptor) (Hilf, G. (225) 245)

Muscarinic receptors
Inositol phosphates; Heart (guinea pig); Receptor coupling (Ford, A.P.D.W. (225) 105)

Aging; Cerebral cortex; Peptides; Phosphoinositides; (Rat) (Pedigo, Jr., N.W. (225) 151)

Muscarinic receptor subtype
T84 cell; Colonic epithelial cell; Phosphoinositides; Arachidonic acid (Dickinson, K.E.J. (225) 291)

Myenteric neurons
cAMP; Enteric nervous system; Intestine; Synaptic transmission; Substance P; Calcitonin gene-related peptide (CGRP); Vasoactive intestinal peptide (VIP); Cholecystokinin; Gastrin releasing peptide; Phosphodiesterase inhibitors (Baidan, L.V. (225) 21)

Na^+-K^+-ATPase (renal)
Streptozotocin diabetes; G-proteins; Protein kinase C (Chen, C.-C. (225) 275)

Neuro-2A cells
Angiotensin II receptor; cGMP (Chaki, S. (225) 355)

Neuroblastoma
Phosphoinositide turnover; DNA synthesis; α-Thrombin (Ogino, Y. (225) 299)

Neurokinin A (NKA)
MEN 10207; MEN 10208; NK_2 receptor subtype (Henderson, A.K. (225) 175)

Neuroleptics
Dopamine D_3 receptor (human); Transfected cell; Eukaryotic expression vector; Guanylnucleotide; G protein; Dopamine autoreceptor (Sokoloff, P. (225) 331)

Neurosecretory cells
Neurotransmitter release; Cytoskeleton; Cytoplasmic proteins; Ca^{2+}; Calmodulin; G-proteins; Protein kinase C (Trifaró, J.-M. (225) 83)

Neurosteroid
$GABA_A$ receptor; Cloned subtypes; *Xenopus* oocyte expression (Zaman, S.H. (225) 321)

Neurotransmitter release
Neurosecretory cells; Cytoskeleton; Cytoplasmic proteins; Ca^{2+}; Calmodulin; G-proteins; Protein kinase C (Trifaró, J.-M. (225) 83)

NG-108-15
Angiotensin II receptors; Receptor subtypes; Radioligand binding (Bryson, S.E. (225) 119)

Nifedipine
Ba^{2+}; $^{45}Ca^{2+}$ uptake; Vas deferens; $^{45}Ca^{2+}$ efflux; Verapamil; Methoxamine (Hay, D.W.P. (225) 313)

[^{3}H]Nitrendipine binding
Polyamines; [^{3}H]Diltiazem binding; Cerebral cortex (rat); Cooperative effects (Schoemaker, H. (225) 167)

N^G-Nitro-L-arginine
Lipopolysaccharides; Interferon-γ; N^G-Methyl-L-arginine; cGMP (Förstermann, U. (225) 161)

NK_2 receptor subtype
MEN 10207; MEN 10208; Neurokinin A (NKA) (Henderson, A.K. (225) 175)

NMDA (N-methyl-D-aspartate)
Ethanol; c-fos; Glutamate; Hybridization (in situ) (Morgan, P.F. (225) 217)

Cortical neurons; Arachidonic acid; Somatostatin; Phospholipase A_2 (Tapia-Arancibia, L. (225) 253)

NMDA receptors
[^{3}H]CPP ([^{3}H]3-(2-carboxypiperazin-4-yl)propyl-1-phosphonic acid); Brain (rat); Cortex (human); Alzheimer's disease (Porter, R.H.P. (225) 195)

Noradrenaline
Diabetes mellitus; Mesenteric arteries; Contractile responses; Inositol phosphates; Inositol 1,4,5-trisphosphate (Abebe, W. (225) 29)

Ornithine decarboxylase
Prolactin; Smooth muscle (vascular); Gene expression; Hypertension; c-myc (Sauro, M.D. (225) 351)

Parotid acinar cells
Carbachol; Diacylglycerol formation; Phosphoinositide hydrolysis; Phosphatidylcholine hydrolysis (Komabayashi, T. (225) 209)

Peptides
Aging; Cerebral cortex; Muscarinic receptors; Phosphoinositides; (Rat) (Pedigo, Jr., N.W. (225) 151)

Phosphatidylcholine
Angiotensin II; Angiotensin AT_1 receptor; Phospholipase D; Diacylglycerol; Mesangial cells (Pfeilschifter, J. (225) 57)

Phosphatidylcholine hydrolysis
Parotid acinar cells; Carbachol; Diacylglycerol formation; Phosphoinositide hydrolysis (Komabayashi, T. (225) 209)

Phosphodiesterase III
Phosphodiesterase IV; Cardiac ventricles; Cardiotonic; Rolipram; (Guinea pig) (Muller, B. (225) 263)

Phosphodiesterase inhibitors
cAMP; Enteric nervous system; Myenteric neurons; Intestine; Synaptic transmission; Substance P; Calcitonin gene-related peptide (CGRP); Vasoactive intestinal peptide (VIP); Cholecystokinin; Gastrin releasing peptide (Baidan, L.V. (225) 21)

Forskolin; 1,9-Dideoxyforskolin; Adenosine; Inward calcium current-dependent phasic tension; Atrial fibres (frog) (Gauthier, C. (225) 129)

Phosphodiesterase IV
Phosphodiesterase III; Cardiac ventricles; Cardiotonic; Rolipram; (Guinea pig) (Muller, B. (225) 263)

Phosphoinositide hydrolysis
Parotid acinar cells; Carbachol; Diacylglycerol formation; Phosphatidylcholine hydrolysis (Komabayashi, T. (225) 209)

Phosphoinositides
Aging; Cerebral cortex; Muscarinic receptors; Peptides; (Rat) (Pedigo, Jr., N.W. (225) 151)

Muscarinic receptor subtype; T84 cell; Colonic epithelial cell; Arachidonic acid (Dickinson, K.E.J. (225) 291)

Phosphoinositide turnover
5-HT receptors; Hippocampus (immature rat) (Claustre, Y. (225) 37)

DNA synthesis; α-Thrombin; Neuroblastoma (Ogino, Y. (225) 299)

Phospholipase A_2
NMDA (N-methyl-D-aspartate); Cortical neurons; Arachidonic acid; Somatostatin (Tapia-Arancibia, L. (225) 253)

Phospholipase C
Endothelin receptors; Guanine nucleotide binding proteins (Gusovsky, F. (225) 339)

Phospholipase D
Angiotensin II; Angiotensin AT_1 receptor; Phosphatidylcholine; Diacylglycerol; Mesangial cells (Pfeilschifter, J. (225) 57)

Pineal
Adenosine receptors; AMP (Gharib, A. (225) 359)

PK 11195
Ro 5-4864; Duodenum; Vas deferens; (Rat) (Escubedo, E. (225) 15)

Polyamines
[^{3}H]Nitrendipine binding; [^{3}H]Diltiazem binding; Cerebral cortex (rat); Cooperative effects (Schoemaker, H. (225) 167)

Prolactin
Smooth muscle (vascular); Gene expression; Hypertension; c-myc; Ornithine decarboxylase (Sauro, M.D. (225) 351)

Protein kinase C
Neurotransmitter release; Neurosecretory cells; Cytoskeleton; Cytoplasmic proteins; Ca^{2+}; Calmodulin; G-proteins (Trifaró, J.-M. (225) 83)

Histamine H_1 receptor; Desensitization; cGMP; Lung (guinea-pig) (Leurs, R. (225) 137)

Na^+-K^+-ATPase (renal); Streptozotocin diabetes; G-proteins (Chen, C.-C. (225) 275)

Radioligand binding
NG-108-15; Angiotensin II receptors; Receptor subtypes (Bryson, S.E. (225) 119)

Receptor binding
C-type natriuretic peptide (CNP); Atrial natriuretic peptide (ANP); Brain natriuretic peptide (BNP); Glioma cells (rat); cGMP (Eguchi, S. (225) 79)

Receptor coupling
Muscarinic receptors; Inositol phosphates; Heart (guinea pig) (Ford, A.P.D.W. (225) 105)

σ Receptors
Liver (rat); (+)-[^{3}H]SKF 10,047; Subcellular distribution (Samovilova, N.N. (225) 69)

Receptor subtypes
NG-108-15; Angiotensin II receptors; Radioligand binding (Bryson, S.E. (225) 119)

mRNA
Dopamine D_2 receptor; Brain; Development (Srivastava, L.K. (225) 143)

β-Adrenoceptors; cAMP; Isoproterenol; C_6 glioma cells; Down-regulation (Bieck, P.R. (225) 171)

Ro 5-4864
PK 11195; Duodenum; Vas deferens; (Rat) (Escubedo, E. (225) 15)

Ro 15-4513
Benzodiazepine receptors; Ro 19-4603; Annelated 1,4-diazepines; GABA (Wong, G. (225) 63)

Ro 19-4603
Benzodiazepine receptors; Ro 15-4513; Annelated 1,4-diazepines; GABA (Wong, G. (225) 63)

Rolipram
Phosphodiesterase III; Phosphodiesterase IV; Cardiac ventricles; Cardiotonic; (Guinea pig) (Muller, B. (225) 263)

[^{3}H]Serotonin binding
Serotonin-binding proteins; Frontal cortex (bovine); [^{3}H]Dopamine binding (Jimenez Del Rio, M. (225) 225)

Serotonin-binding proteins
Frontal cortex (bovine); [^{3}H]Serotonin binding; [^{3}H]Dopamine binding (Jimenez Del Rio, M. (225) 225)

(+)-[^{3}H]SKF 10,047
Liver (rat); σ Receptors; Subcellular distribution (Samovilova, N.N. (225) 69)

Smooth muscle (vascular)
Prolactin; Gene expression; Hypertension; c-myc; Ornithine decarboxylase (Sauro, M.D. (225) 351)

Somatostatin
NMDA (N-methyl-D-aspartate); Cortical neurons; Arachidonic acid; Phospholipase A_2 (Tapia-Arancibia, L. (225) 253)

Spinal cord (human, pig)
Endothelin receptors; ^{125}I-Endothelin-1; Autoradiography (quantitative receptor); Chemical cross-linking (Niwa, M. (225) 281)

Streptozotocin diabetes
Na^+-K^+-ATPase (renal); G-proteins; Protein kinase C (Chen, C.-C. (225) 275)

Striatal neurons
Metabotropic receptor; cAMP formation (Manzoni, O. (225) 357)

Subcellular distribution
Liver (rat); (+)-[^{3}H]SKF 10,047; σ Receptors (Samovilova, N.N. (225) 69)

Substance P
cAMP; Enteric nervous system; Myenteric neurons; Intestine; Synaptic transmission; Calcitonin gene-related peptide (CGRP); Vasoactive intestinal peptide (VIP); Cholecystokinin; Gastrin releasing peptide; Phosphodiesterase inhibitors (Baidan, L.V. (225) 21)

Synaptic transmission
cAMP; Enteric nervous system; Myenteric neurons; Intestine; Substance P; Calcitonin gene-related peptide (CGRP); Vasoactive intestinal peptide (VIP); Cholecystokinin; Gastrin releasing peptide; Phosphodiesterase inhibitors (Baidan, L.V. (225) 21)

Tacrine
Tetrahydroaminoacridine (THA); 4-Aminopyridine (4-AP); Fura-2 (fluorimetry); Drug interactions (Järlebark, L. (225) 75)

T84 cell
Muscarinic receptor subtype; Colonic epithelial cell; Phosphoinositides; Arachidonic acid (Dickinson, K.E.J. (225) 291)

Tetrahydroaminoacridine (THA)
Tacrine; 4-Aminopyridine (4-AP); Fura-2 (fluorimetry); Drug interactions (Järlebark, L. (225) 75)

α-Thrombin
Phosphoinositide turnover; DNA synthesis; Neuroblastoma (Ogino, Y. (225) 299)

Transfected cell
Dopamine D_3 receptor (human); Eukaryotic expression vector; Neuroleptics; Guanylnucleotide; G protein; Dopamine autoreceptor (Sokoloff, P. (225) 331)

Transmitter release
Ca^{2+} channels; ω-Conotoxin; Ca^{2+} influx; Dihydropyridines (Lundy, P.M. (225) 51)

Vas deferens
Ro 5-4864; PK 11195; Duodenum; (Rat) (Escubedo, E. (225) 15)

Ba^{2+}; Nifedipine; $^{45}Ca^{2+}$ uptake; $^{45}Ca^{2+}$ efflux; Verapamil; Methoxamine (Hay, D.W.P. (225) 313)

Vasoactive intestinal peptide (VIP)
cAMP; Enteric nervous system; Myenteric neurons; Intestine; Synaptic transmission; Substance P; Calcitonin gene-related peptide (CGRP); Cholecystokinin; Gastrin releasing peptide; Phosphodiesterase inhibitors (Baidan, L.V. (225) 21)

Verapamil
Ba^{2+}; Nifedipine; $^{45}Ca^{2+}$ uptake; Vas deferens; $^{45}Ca^{2+}$ efflux; Methoxamine (Hay, D.W.P. (225) 313)

WRK_1 cells
Ca^{2+}; Inositol 1,4,5-trisphosphate receptors; Inositol phosphates (Mouillac, B. (225) 179)

***Xenopus* oocyte expression**
Neurosteroid; $GABA_A$ receptor; Cloned subtypes (Zaman, S.H. (225) 321)